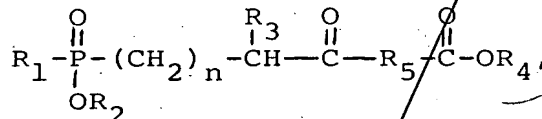


cm What is claimed is:

1. A compound having the formula




or a salt thereof, wherein R_1 is alkyl, aryl, arylalkyl, cycloalkyl, or cycloalkyl(alkyl);

R_2 and R_4 each is independently hydrogen, alkyl, arylalkyl, or

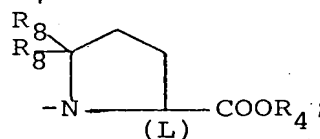
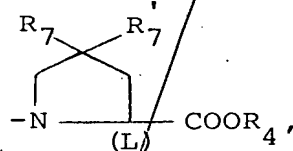
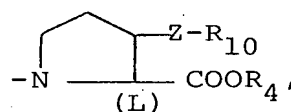
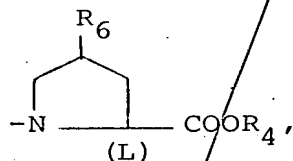
$-\underset{\underset{X}{|}}{CH}-O-\overset{\overset{O}{\parallel}}{C}-Y$, wherein X is hydrogen, alkyl,

or phenyl and Y is hydrogen, alkyl, phenyl or alkoxy, or together X and Y are

$-(CH_2)_2-$, $-(CH_2)_3-$, $-CH=CH-$, or  ;

R_3 is hydrogen or alkyl;

$-R_5-COOR_4$ is



R_6 is hydrogen, hydroxy, alkyl, halogen, azido, amino, cycloalkyl, aryl, arylalkyl, carbamoyloxy, N,N-dialkylcarbamoyloxy, or $-Z-R_9$;

R_7 and R_7 are the same and each is halogen or $-Z-R_{10}$, or R_7 and R_7 together are $=O$, $-O-(CH_2)_m-O-$ or $-S-(CH_2)_m-S-$;

R_8 is hydrogen and R_8 is phenyl, 2-hydroxyphenyl or 4-hydroxyphenyl or R_8 and R_8 together are $=O$;

R_9 is alkyl, aryl, arylalkyl, 1- or 2-naphthyl, or biphenyl;

R_{10} is alkyl, aryl or arylalkyl;

Z is oxygen or sulfur;

n is 0 or 1; and

m is 1 or 2;

with the proviso that if $-R_5-COOR_4$ is $-N-\text{[cyclohexyl]}-COOR_4$,
(L)

at least one of R_2 and R_4 is $-\underset{\underset{X}{|}}{CH}-O-\overset{\overset{O}{||}}{C}-Y$.

2. A compound in accordance with claim 1 wherein n is 0.

3. A compound in accordance with claim 1 wherein one of R_2 and R_4 is hydrogen and the other is $-\text{CH}_2-\text{O}-\overset{\overset{O}{||}}{C}-\text{C}(\text{CH}_3)_3$.

5. A compound in accordance with claim ¹⁵⁻² 3

wherein R_2 is hydrogen and R_4 is $\text{--CH}_2\text{--O--C(=O)--C(CH}_3)_3$.

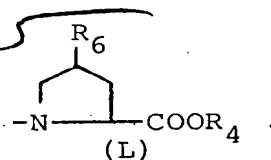
6. A compound in accordance with claim ¹⁵⁻²³ 3

wherein R_2 is $\text{--CH}_2\text{--O--C(=O)--C(CH}_3)_3$ ^{PS} and R_4 is hydrogen.

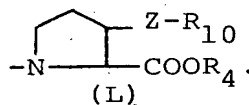
~~7. A compound in accordance with claim 1 wherein each of R_2 and R_4 is hydrogen.~~

7. A compound in accordance with claim ¹⁴⁻¹ 1

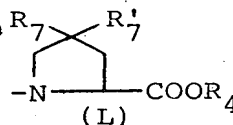
10 wherein $\text{--R}_5\text{--COOR}_4$ is



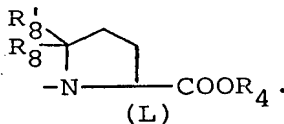
15 8. A compound in accordance with claim ¹⁴⁻¹ 1 wherein $\text{--R}_5\text{--COOR}_4$ is



20 9. A compound in accordance with claim ¹⁴⁻¹ 1 wherein $\text{--R}_5\text{--COOR}_4$ is



25 10. A compound in accordance with claim ¹⁴⁻¹ 1 wherein $\text{--R}_5\text{--COOR}_4$ is



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11. The compound in accordance with claim 1, ¹⁴¹

⁸ ⁹ (S)-7-[[hydroxy(4-phenylbutyl)phosphinyl]acetyl] ⁸

^{8,9} 1,4-dithia-7-azaspiro[4.4]nonane-8-carboxylic
acid, (2,2-dimethyl-1-oxopropoxy)methyl ester,
or a salt thereof.

12. The compound in accordance with claim 1, ¹⁴¹

⁸ ⁹ 1-[[hydroxy(4-phenylbutyl)phosphinyl]acetyl] ⁸

L-proline, (2,2-dimethyl-1-oxopropoxy)methyl ester,
or a salt thereof.

13. The compound in accordance with claim 1, ¹⁴¹

¹⁰ ⁹ 1-[[[(2,2-dimethyl-1-oxopropoxy)methoxy](4-phenyl-
⁹ butyl)phosphinyl]acetyl]-L-proline, or a salt
thereof.

¹⁵ ¹⁰⁰
Bl

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